

PATENT
Atty. Docket No.: GRQ-00100

143. (Amended) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface, wherein the interface is located only along an anti-nodal region of the first element, the first and second surfaces under a force sufficient to maintain contact at the interface and having a static friction therebetween; and
 - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction.

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Please add the following new claims:

145. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface and under a force sufficient to maintain contact and having a static friction therebetween;
 - b. configuring a set of contact pads on the first element, the second surface in contact with the contact pads at the interface; and
 - c. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction, wherein the first surface remains in contact with the contact pads in the set at the interface.
146. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface at a plane and under a force sufficient to maintain contact and having a static friction therebetween; and
 - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction between the first and second surfaces, wherein the interface remains substantially at the plane unaltered by the repetitive motion.

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147. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface at a plane, wherein the interface is located along an anti-nodal region of the first element, the first and second surfaces under a force sufficient to maintain contact at the interface and having a static friction therebetween; and
 - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction, wherein the interface between the first and second surface remains substantially at the plane unaltered by the repetitive motion.
148. (New) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
- a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface, wherein the interface is located along an anti-nodal region of the first element, the first and second surfaces under a force sufficient to maintain contact at the interface and having a static friction therebetween; and
 - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction, wherein the force is substantially unaltered by the repetitive motion.